

SQL Pre_Workshop

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Steps

1. Download MySQL: <https://dev.mysql.com/downloads/workbench/> (free)
2. Download DataGrip: <https://www.jetbrains.com/datagrip/> (you can use 30-day trial)
3. (optional) get license for DataGrip:
<https://www.jetbrains.com/community/education/#students> (good for a year)

Downloading and Setting up MySQL

Website for MySQL

https://www.mysql.com

The MySQL logo is displayed on the left side of the header.

A red circle highlights the "DOWNLOADS" menu item in the top navigation bar.

The main content area features a large image of a red and white racing car with "ORACLE MySQL Database Service" branding.

MySQL Database Service with HeatWave

- New! AutoPilot for ML Automation
- 5400x Faster than Amazon RDS
- 1400x Faster than Amazon Aurora

[LEARN MORE](#)

 MySQL Database Service with HeatWave

MySQL Database Service is a fully managed database service to deploy cloud-native applications. HeatWave, an integrated, high-performance query accelerator boosts MySQL performance by 5400x.

[Learn More »](#)

 MySQL Enterprise Edition

The most comprehensive set of advanced features, management tools and technical support to achieve the highest levels of MySQL scalability, security, reliability, and uptime.

[Learn More »](#)

 MySQL for OEM/ISV

Over 2000 ISVs, OEMs, and VARs rely on MySQL as their products' embedded database to make their applications, hardware and appliances more competitive, bring them to market faster, and lower their cost of goods sold.

[Learn More »](#)

 MySQL Cluster CGE

MySQL Cluster enables users to meet the database challenges of next generation web, cloud, and communications services with uncompromising scalability, uptime and agility.

[Learn More »](#)

 Free Webinars

- Disaster Recovery with MySQL InnoDB ClusterSet - What is it and how do I use it?
Thursday, December 02, 2021
- MySQL Database Architectures - Disaster Recovery Solutions
Thursday, December 02, 2021

 White Papers

- HeatWave: Real-time Analytics for MySQL Database Service
- MySQL Database Service with HeatWave
- What's New in MySQL 8.0
- MySQL Enterprise Edition and GDPR

[Contact MySQL](#) | [Login](#) | [Register](#)

[f](#) [t](#) [in](#) [Y](#)

Download Page for MySQL

The screenshot shows the MySQL Downloads page at <https://www.mysql.com/downloads/>. The page features the MySQL logo and navigation links for MySQL.COM, DOWNLOADS (circled in red), DOCUMENTATION, and DEVELOPER ZONE. The main content highlights the MySQL Database Service with HeatWave, Faster Performance, and Lower Total Cost of Ownership. A 'Try Now' button is visible. The left sidebar contains sections for Free Webinars, MySQL Enterprise Edition, MySQL Cluster CGE, and Contact Sales. The right sidebar includes MySQL Community (GPL) Downloads (circled in red).

<https://www.mysql.com/downloads/>

MySQL Database Service
with HeatWave

Faster Performance

- 5400x Faster than Amazon RDS
- 1400x Faster than Amazon Aurora
- 6.5x Faster than Amazon Redshift AQUA
- 7x Faster than Snowflake

Lower Total Cost of Ownership

- 2/3 the cost of Amazon RDS
- 1/2 the cost of Amazon Aurora
- 1/2 the cost of Amazon Redshift AQUA
- 1/5 the cost of Snowflake

[Try Now](#)

Free Webinars

Disaster Recovery with MySQL InnoDB ClusterSet - What is it and how do I use it?
Thursday, December 02, 2021

MySQL Database Architectures - Disaster Recovery Solutions
Thursday, December 02, 2021

Deploy and Run MySQL Applications on OKE and MySQL Database Service
Tuesday, December 14, 2021

[More »](#)

Contact Sales

USA: +1-866-221-0634
Canada: +1-866-221-0634

Germany: +49 89 143 01280
France: +33 1 57 60 83 57
Italy: +39 02 249 59 120
UK: +44 207 553 8447

Japan: 0120-065556
China: 10800-811-0823
India: 0008001005870

MySQL Enterprise Edition

MySQL Enterprise Edition includes the most comprehensive set of advanced features, management tools and technical support for MySQL.

[Learn More »](#)
[Customer Download »](#)
[Trial Download »](#)

MySQL Cluster CGE

MySQL Cluster is a real-time open source transactional database designed for fast, always-on access to data under high throughput conditions.

- MySQL Cluster
- MySQL Cluster Manager
- Plus, everything in MySQL Enterprise Edition

[Learn More »](#)
[Customer Download » \(Select Patches & Updates Tab, Product Search\)](#)
[Trial Download »](#)

[MySQL Community \(GPL\) Downloads »](#)

Mac OS

The screenshot shows a web browser window with the URL <https://dev.mysql.com/downloads/>. The page title is "MySQL Community Downloads". The content is organized into two columns of links. The left column includes "MySQL Yum Repository", "MySQL APT Repository", "MySQL SUSE Repository", "MySQL Community Server" (which is circled in red), "MySQL Cluster", "MySQL Router", "MySQL Shell", "MySQL Workbench", "MySQL Installer for Windows", and "MySQL for Visual Studio". The right column includes "C API (libmysqlclient)", "Connector/C++", "Connector/J", "Connector/.NET", "Connector/Node.js", "Connector/ODBC", "Connector/Python", "MySQL Native Driver for PHP", "MySQL Benchmark Tool", "Time zone description tables", and "Download Archives". At the bottom of the page, there is a small Oracle logo and the text "© 2021, Oracle Corporation and/or its affiliates". Below that, there are links for "Legal Policies", "Your Privacy Rights", "Terms of Use", "Trademark Policy", "Contributor Agreement", and "Cookie Preferences". The address bar at the top also shows the URL <https://dev.mysql.com/downloads/mysql/>.

MAC OS

MySQL Community Downloads

MySQL Community Server

General Availability (GA) Releases Archives

MySQL Community Server 8.0.27

Select Operating System: macOS

Select OS Version: All

Packages for Big Sur (11) on x86 are compatible with Catalina (10.15)

File Type	Version	Size	Action
macOS 11 (ARM, 64-bit), DMG Archive	8.0.27	416.4M	Download
macOS 11 (x86, 64-bit), DMG Archive	8.0.27	422.1M	Download
macOS 11 (ARM, 64-bit), Compressed TAR Archive	8.0.27	165.8M	Download
macOS 11 (x86, 64-bit), Compressed TAR Archive	8.0.27	166.4M	Download
macOS 11 (ARM, 64-bit), Compressed TAR Archive Test Suite	8.0.27	250.8M	Download
macOS 11 (x86, 64-bit), Compressed TAR Archive Test Suite	8.0.27	251.1M	Download
macOS 11 (ARM, 64-bit), TAR	8.0.27	434.0M	Download
macOS 11 (x86, 64-bit), TAR	8.0.27	435.7M	Download

We suggest that you use the MD5 checksums and GnuPG signatures to verify the integrity of the packages you download.

MySQL Community Downloads

The screenshot shows a web browser window with the URL <https://dev.mysql.com/downloads/file/?id=507824>. The page title is "MySQL Community Downloads". It features a "Login Now or Sign Up for a free account." section. Below it, a list of advantages for an Oracle Web Account includes fast access to MySQL software downloads, technical White Papers and Presentations, MySQL Discussion Forums, and the MySQL bug system. Two buttons are present: "Login »" (using my Oracle Web account) and "Sign Up »" (for an Oracle Web account). A note states that MySQL.com uses Oracle SSO for authentication. At the bottom, a red oval highlights the "No thanks, just start my download." link.

MySQL Community Downloads

Login Now or Sign Up for a free account.

An Oracle Web Account provides you with the following advantages:

- Fast access to MySQL software downloads
- Download technical White Papers and Presentations
- Post messages in the MySQL Discussion Forums
- Report and track bugs in the MySQL bug system

Login »
using my Oracle Web account

Sign Up »
for an Oracle Web account

MySQL.com is using Oracle SSO for authentication. If you already have an Oracle Web account, click the Login link. Otherwise, you can signup for a free account by clicking the Sign Up link and following the instructions.

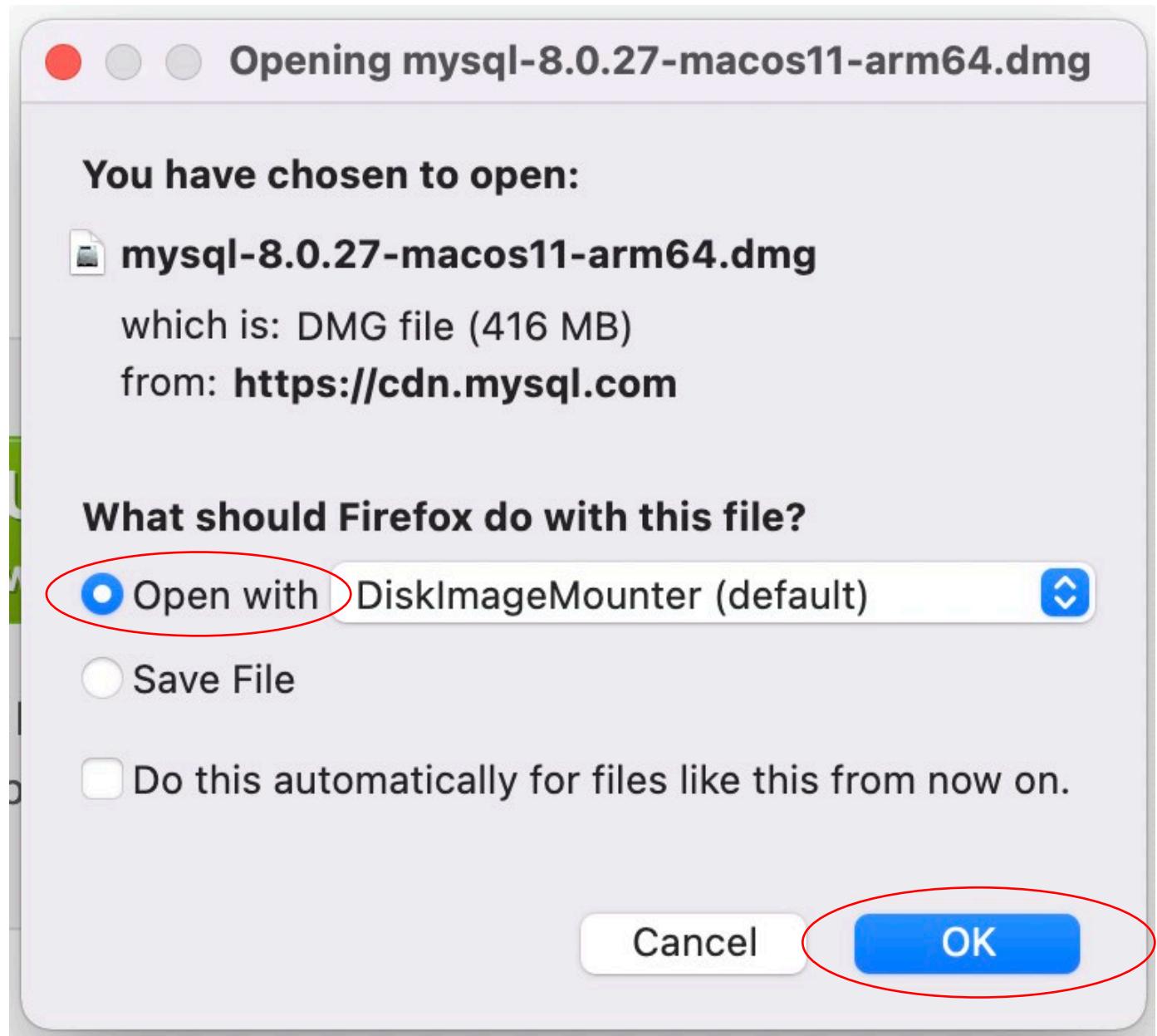
No thanks, just start my download.

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MAC OS - MySQL Community Server Installer

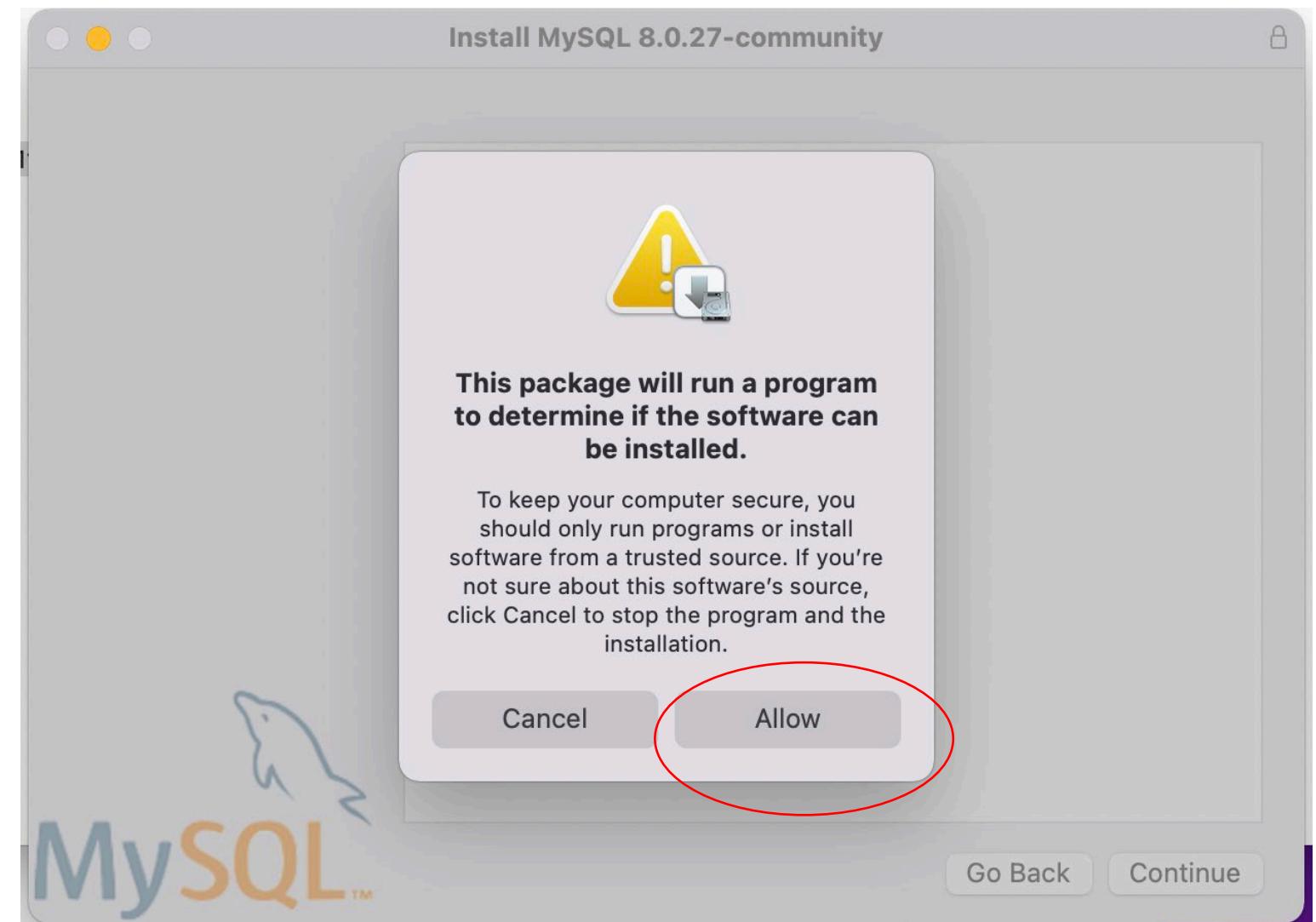
MAC OS - MySQL Community Server Installer



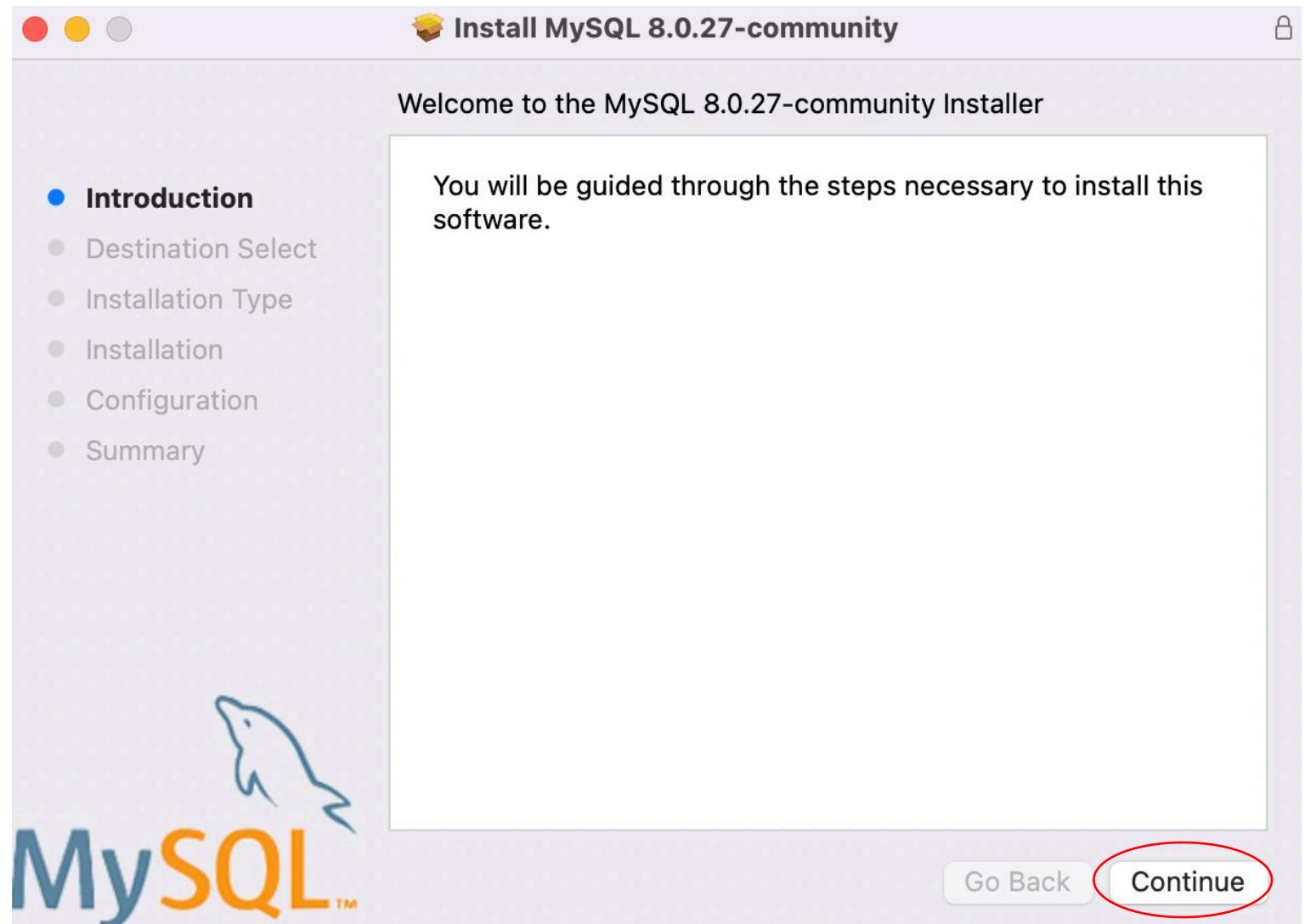
MAC OS - MySQL Community Sever Installer



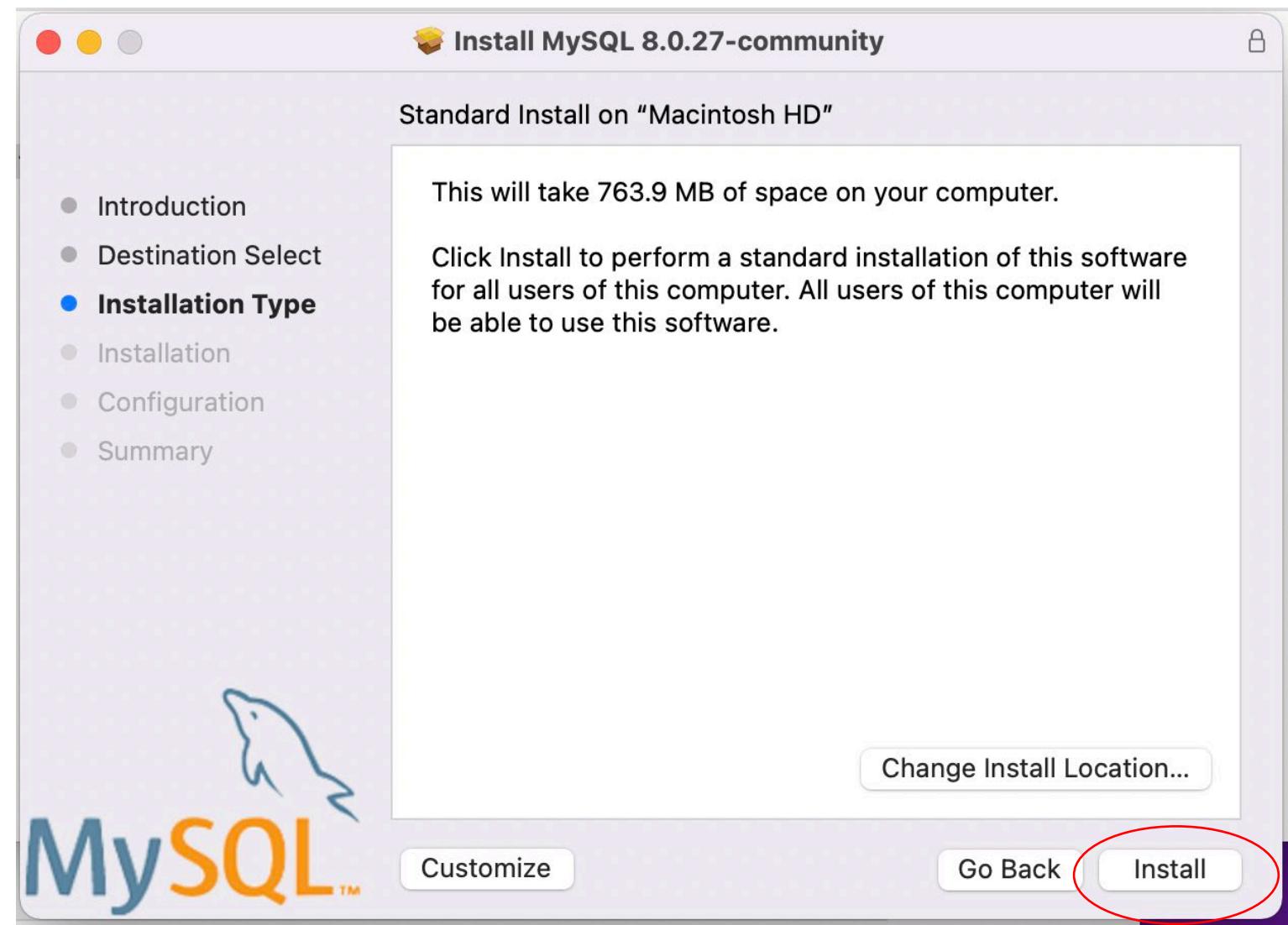
MAC OS - MySQL Community Sever Installer



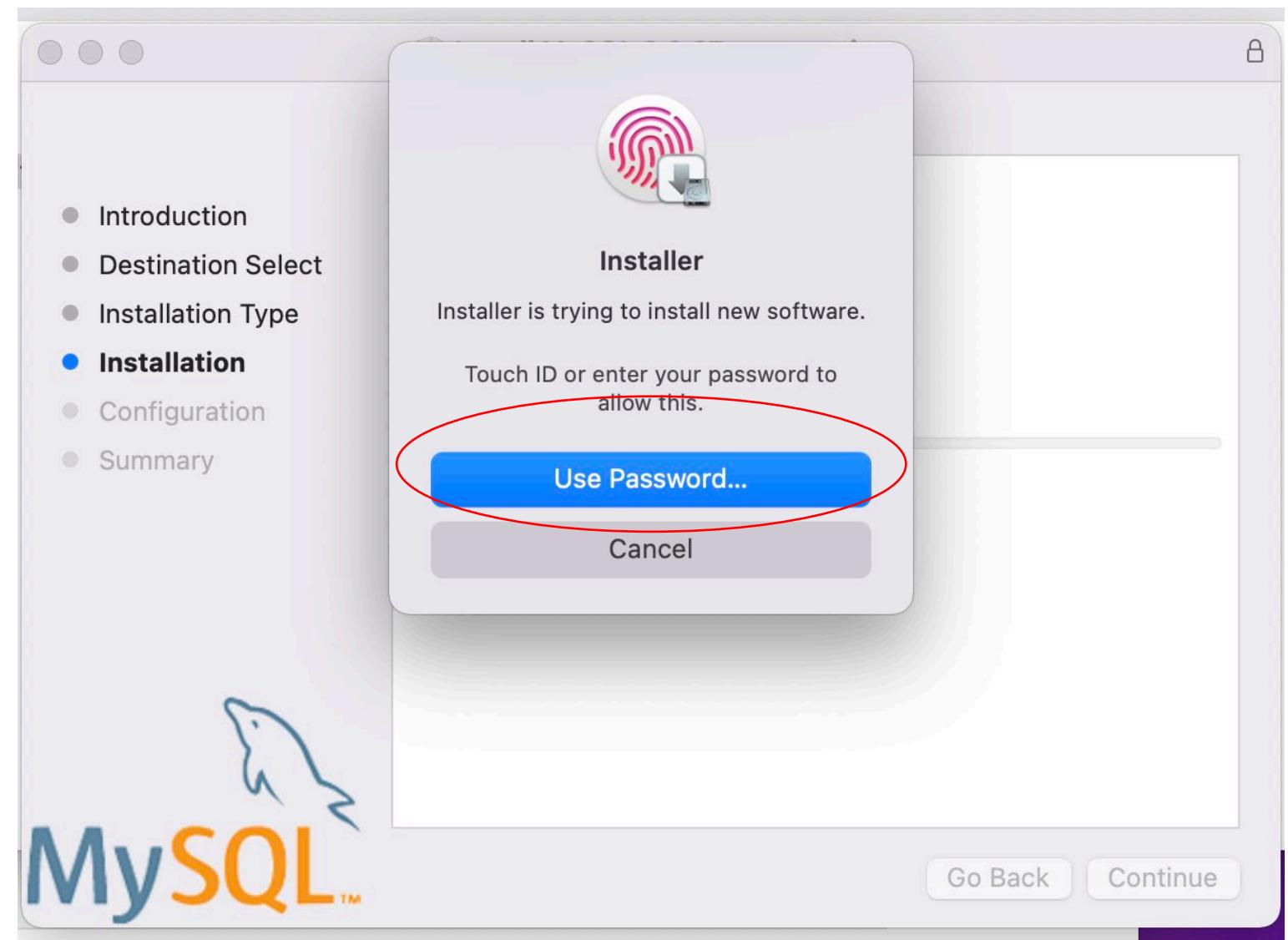
MAC OS - MySQL Community Sever Installer



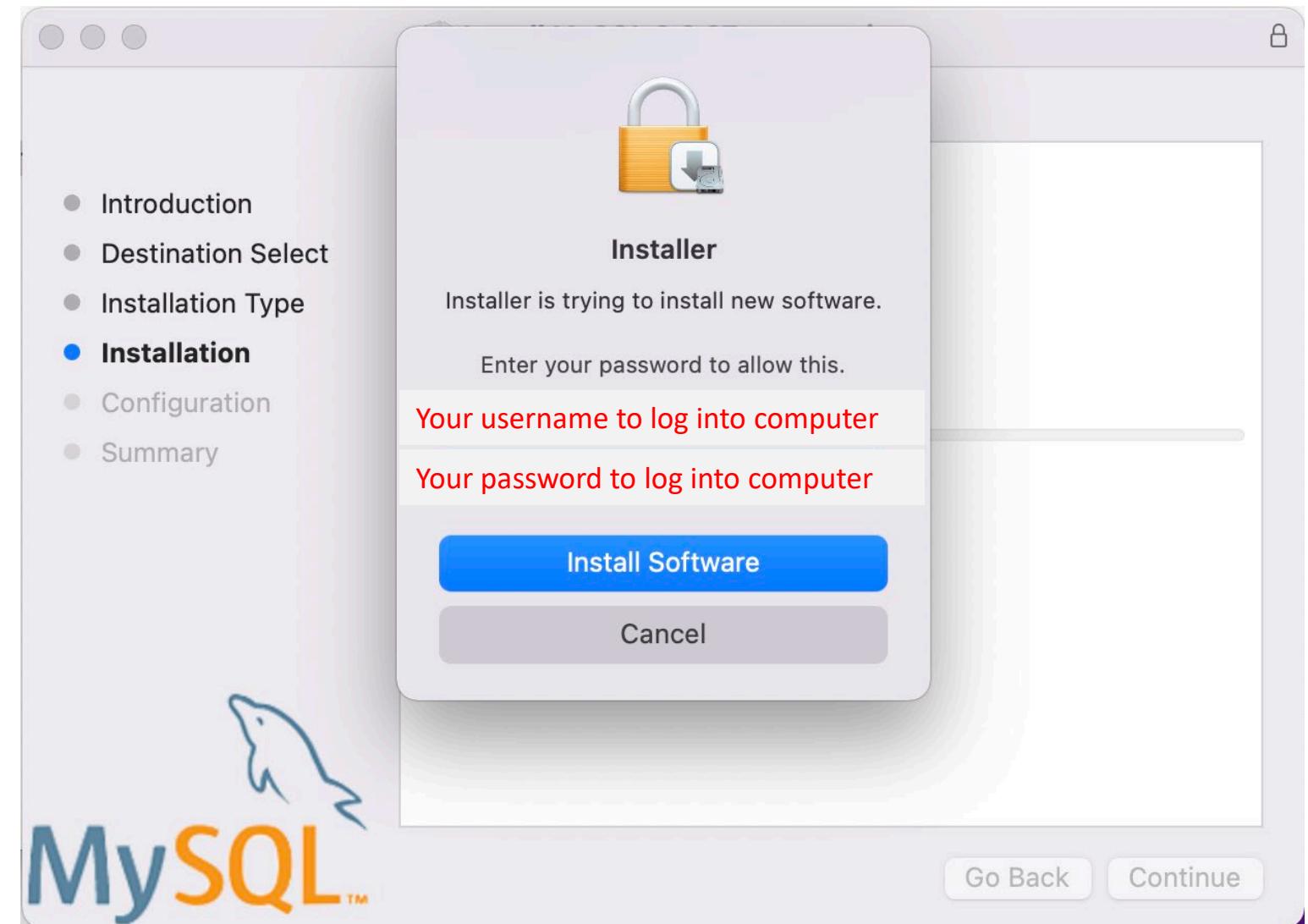
MAC OS - MySQL Community Sever Installer



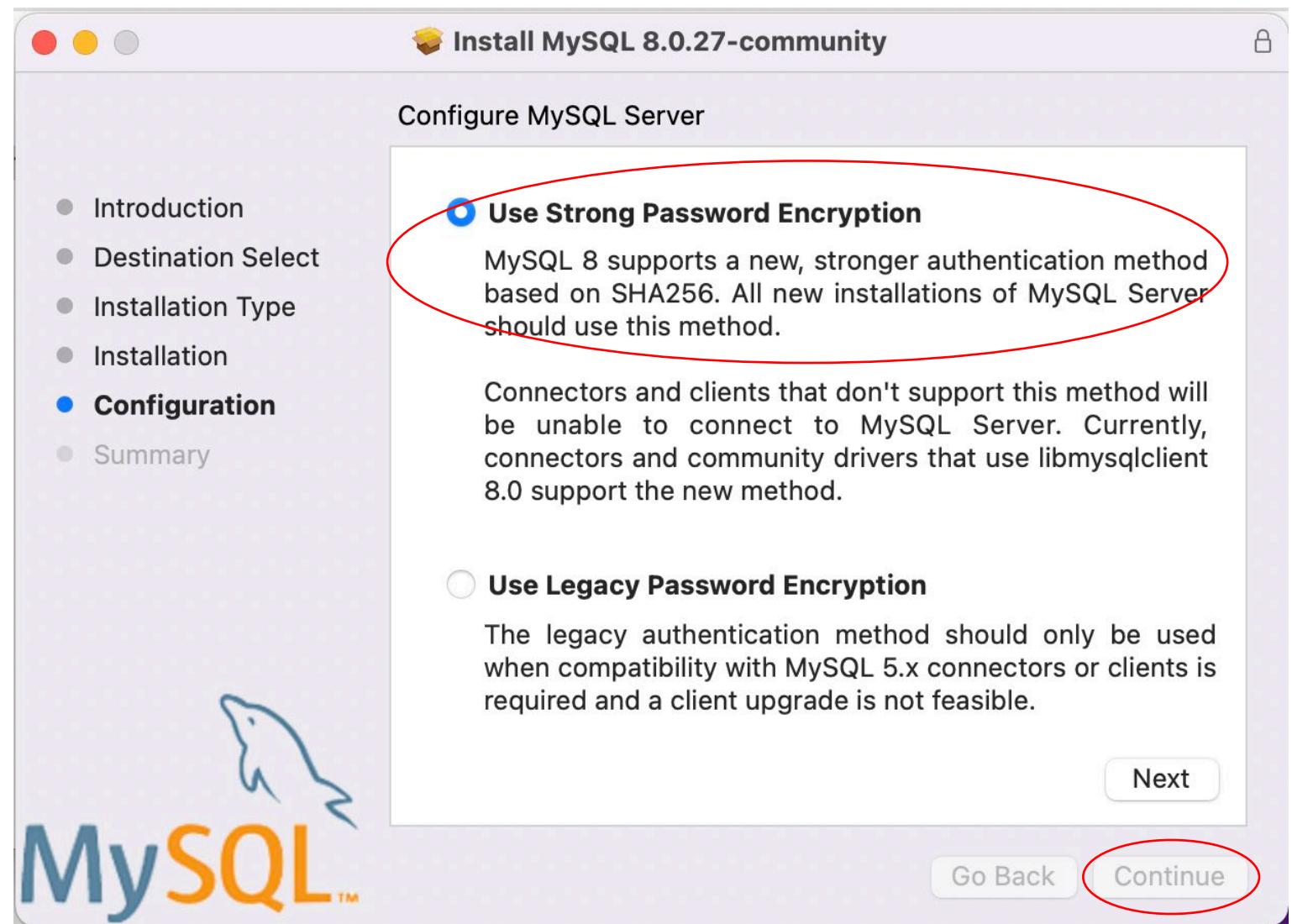
MAC OS - MySQL Community Sever Installer



MAC OS - MySQL Community Sever Installer

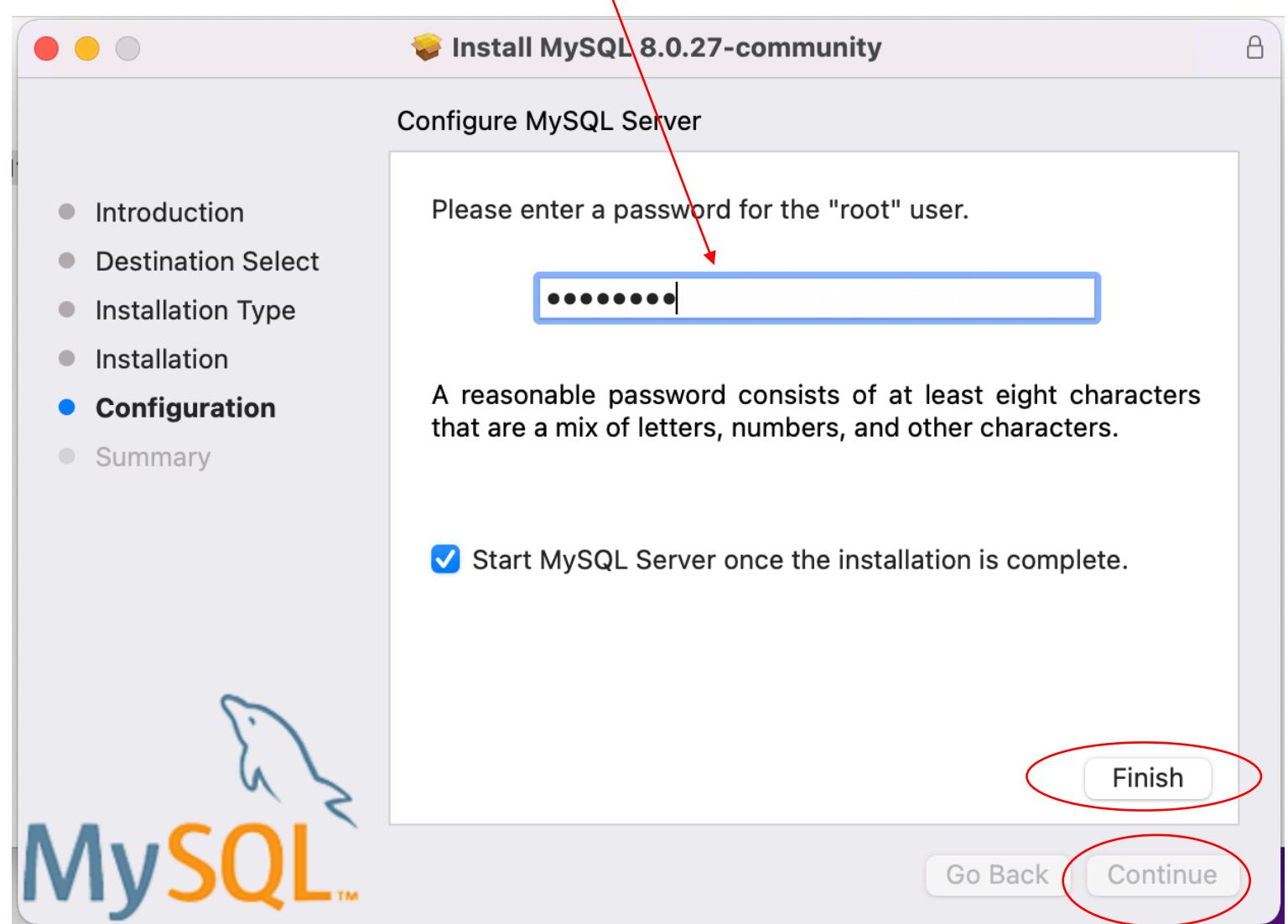


MAC OS - MySQL Community Sever Installer (MOST IMPORTANT)

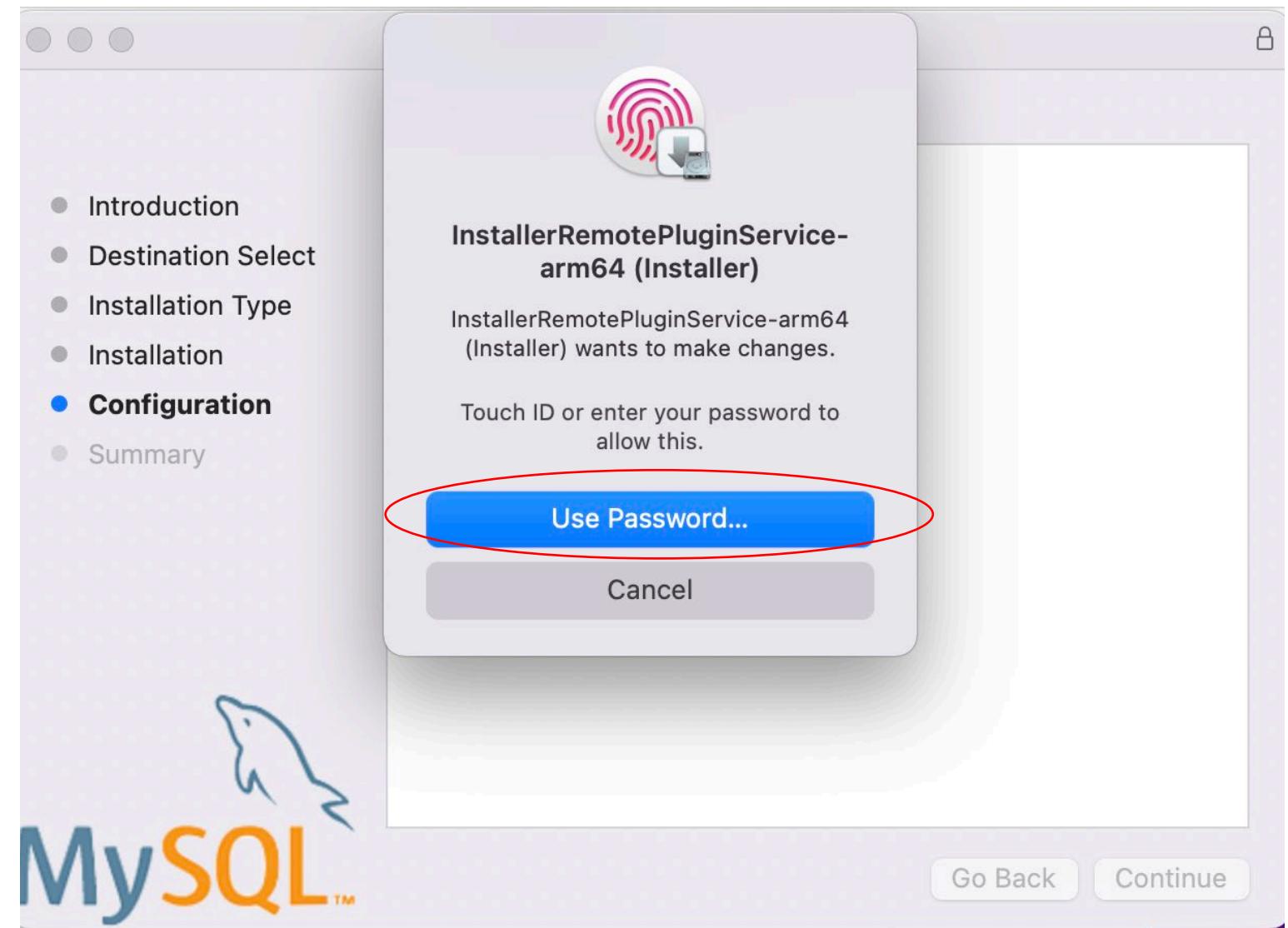


MAC OS - MySQL Community Sever Installer (MOST IMPORTANT)

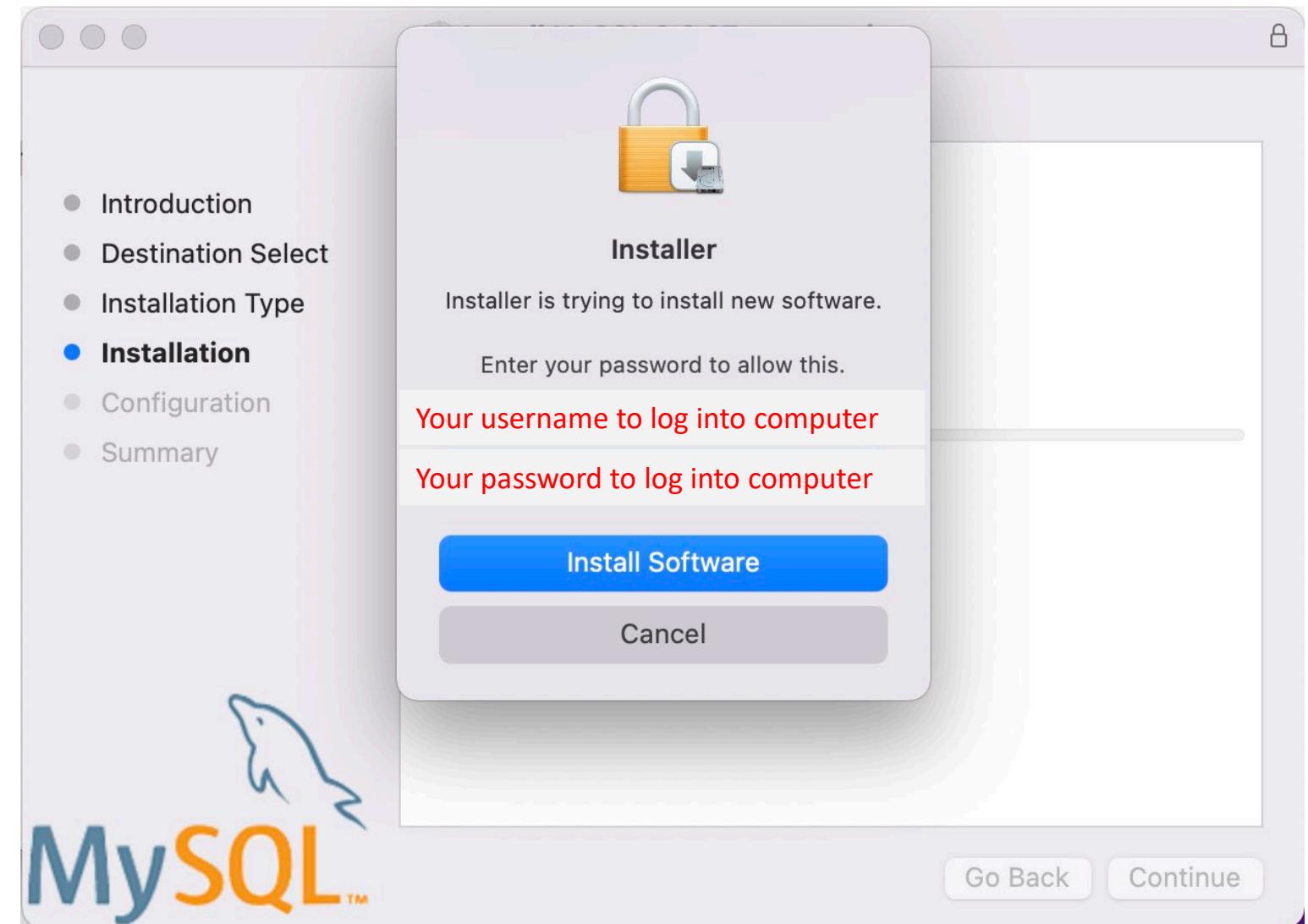
Write "1234pass" or whatever you want but please remember this password for later



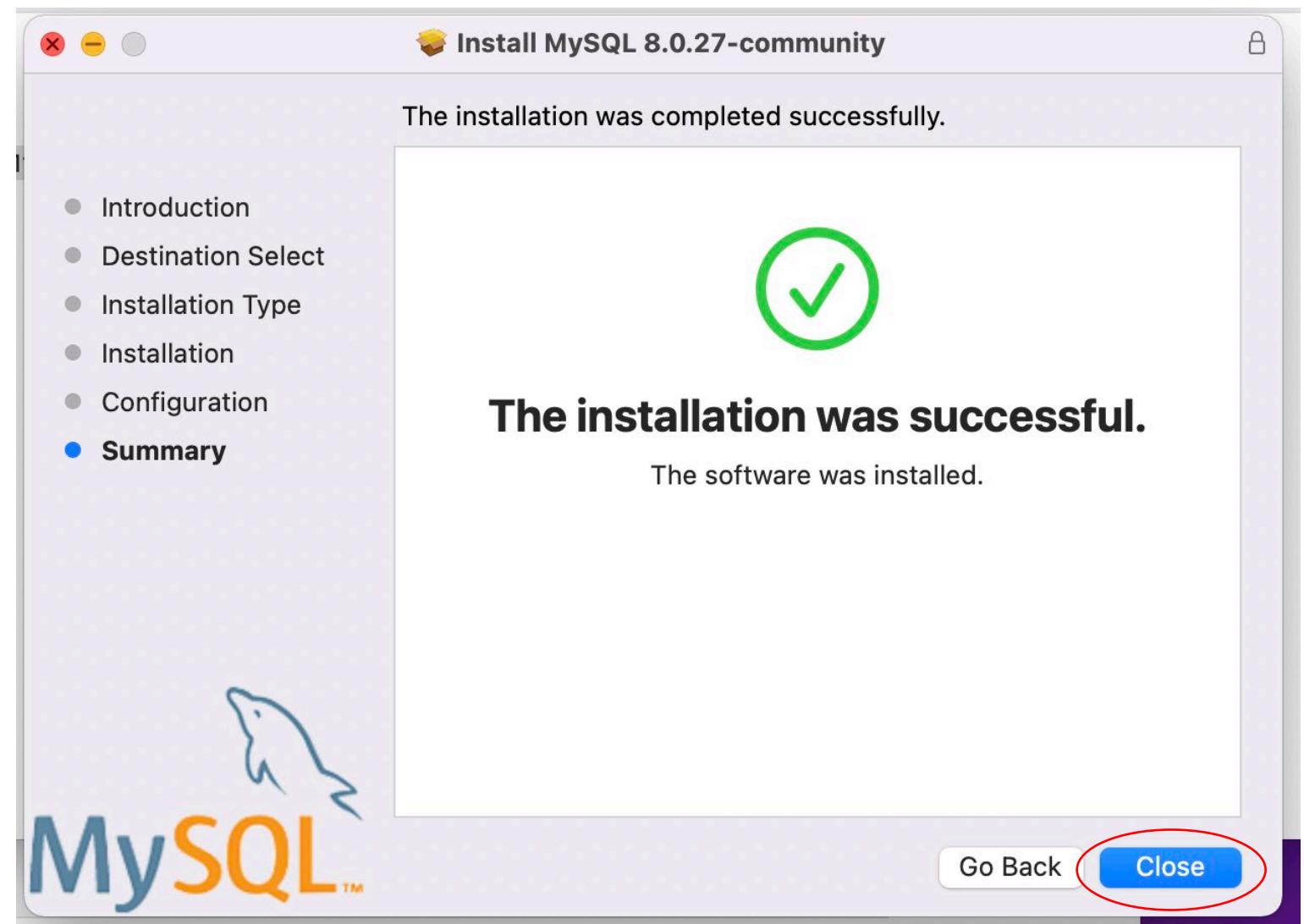
MAC OS - MySQL Community Sever Installer



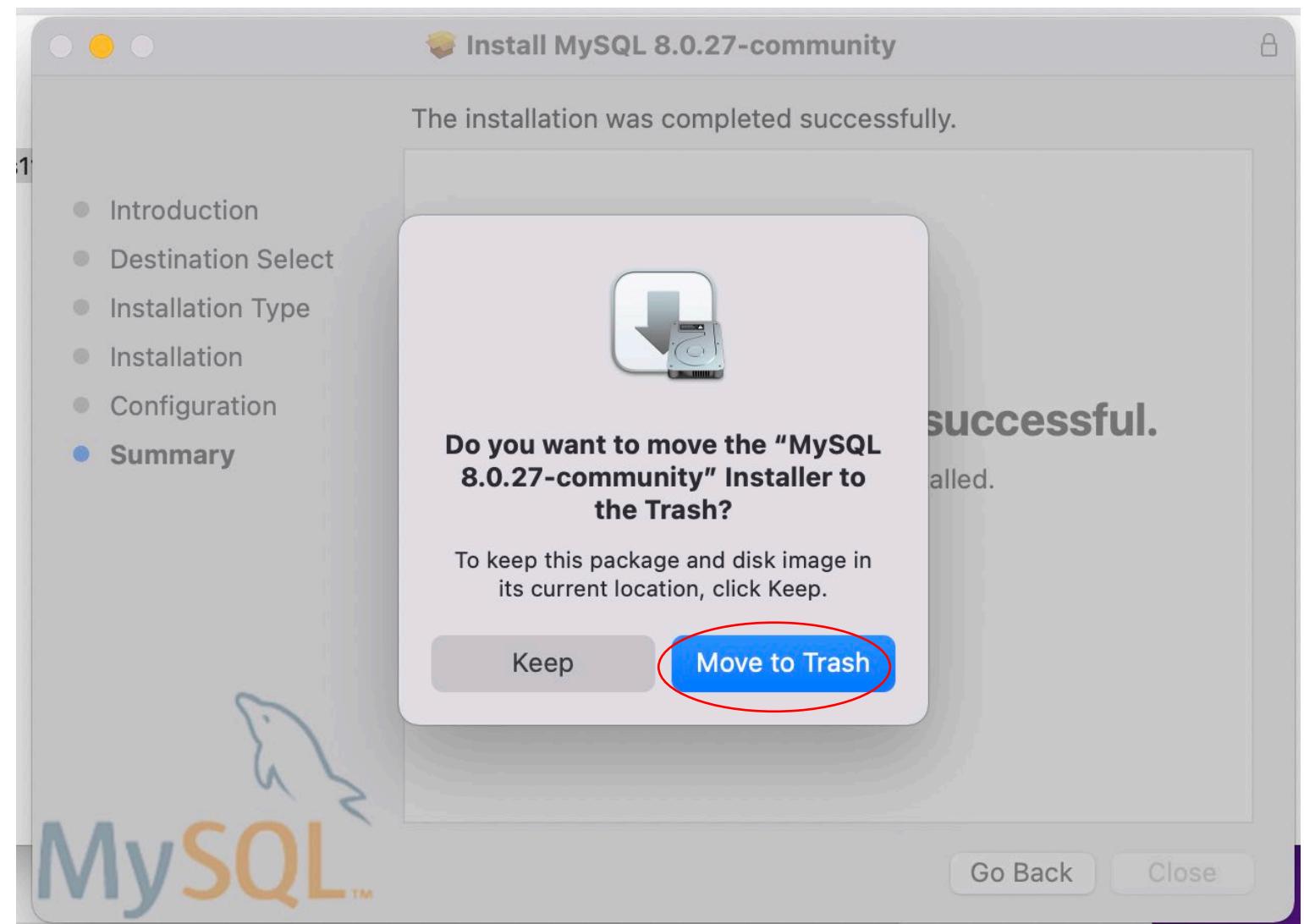
MAC OS - MySQL Community Sever Installer



MAC OS - MySQL Community Sever Installer



MAC OS - MySQL Community Sever Installer



DataGrip

Student Account available (optional)

https://www.jetbrains.com/community/education/#students

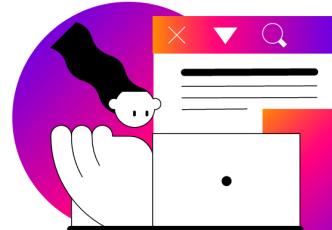
JET BRAINS

Developer Tools Team Tools Learning Tools Solutions Store Search Cart

Free License Programs Academic Licensing Open Source User Groups Events Partnership Developer Recognition

Free Educational Licenses

Learn or teach coding with best-in-class development tools from JetBrains!



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Individual licenses for students and teachers

Get free access to all JetBrains IDEs for personal use at school or at home.

Who can get free individual licenses for education

Students and faculty from accredited educational institutions (high schools, colleges, and universities) are welcome to apply.

Students need to be enrolled in an accredited educational program that takes one or more years of full-time study to complete.

Not sure about the license terms? [Check out the FAQ or read the full terms here.](#)

Apply now

Create your first working application! Start Now for Free

MAC OS DataGrip

DataGrip Setup

The screenshot shows a web browser window with the URL <https://www.jetbrains.com/datagrip/download/#section=mac>. The page is titled "DataGrip" and features a large "Download" button. A red oval highlights the "Download" button. To the right of the button, it says ".dmg (Intel)". Below the download area, there is a note: "DataGrip is available for Intel and Apple Silicon".

DataGrip

Download DataGrip

Windows macOS Linux

DataGrip includes an evaluation license key for a **free 30-day trial**.

Download .dmg (Intel)

Version: 2021.2.4
Build: 212.5457.41
7 October 2021

System requirements
Installation Instructions
Third-party software
Other versions

i DataGrip is available for Intel and Apple Silicon

Get the Toolbox App to download DataGrip and its future updates with ease

DataGrip Setup

https://www.jetbrains.com/datagrip/download/download-thanks.html?platform=macos

JET BRAINS DataGrip Overview Buy

Thank you for your download! Your download has been completed. Please use the link below to verify the file.

Opening datagrip-2021.2.4.dmg

You have chosen to open:
datagrip-2021.2.4.dmg
which is: DMG file (452 MB)
from: https://download-cdn.jetbrains.com

What should Firefox do with this file?
 Open with DiskImageMounter (default)
 Save File
 Do this automatically for files like this from now on.

Cancel OK

Download and verify the file SHA-256: 3f3a2a3a2a3a2a3a2a3a2a3a2a3a2a3a

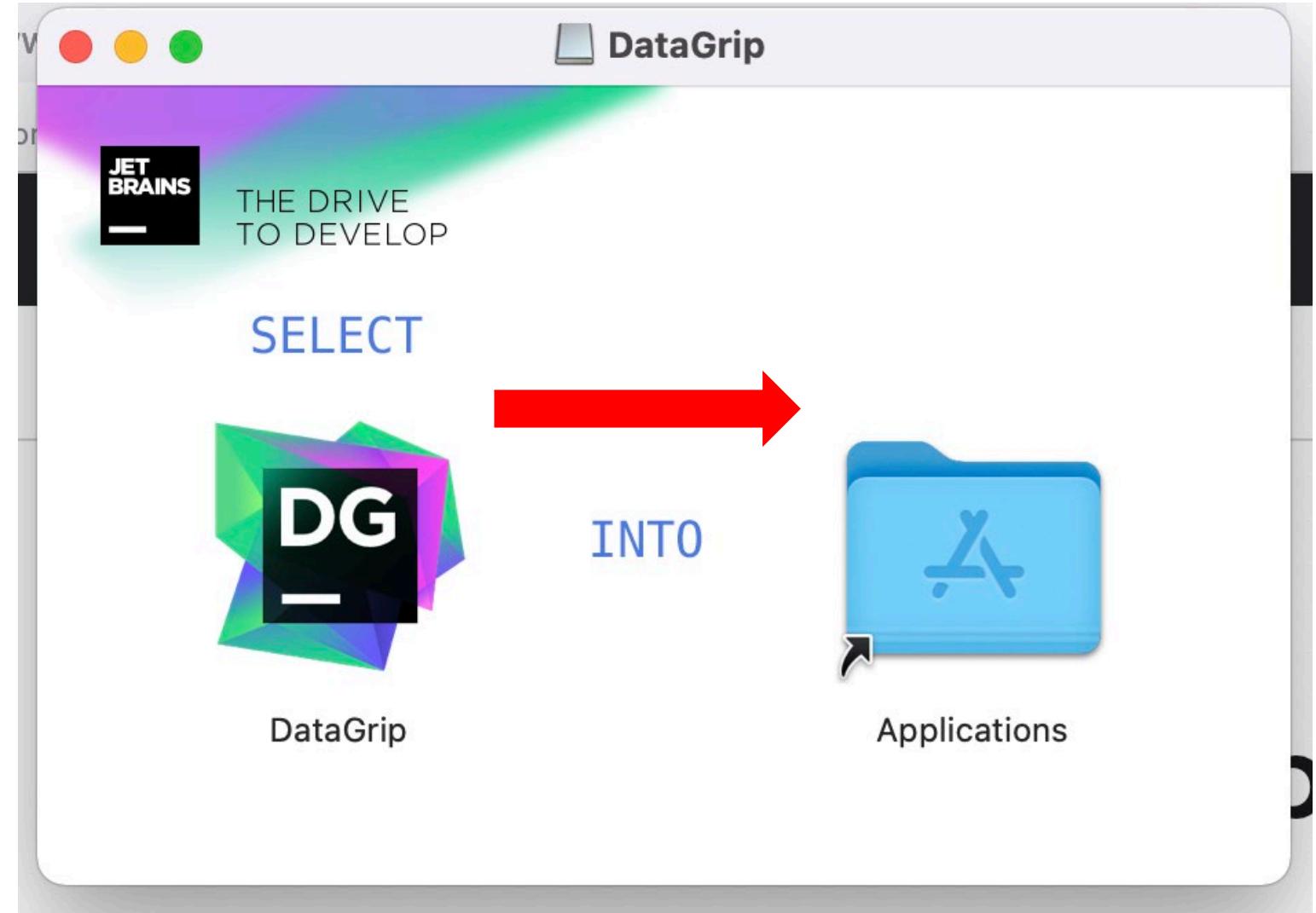
Third-party software used by DataGrip

Is the trial free?
What is required to start the trial?
I want to try out JetBrains products in my company, but I cannot use the internet from our corporate network (a secure environment is used, products

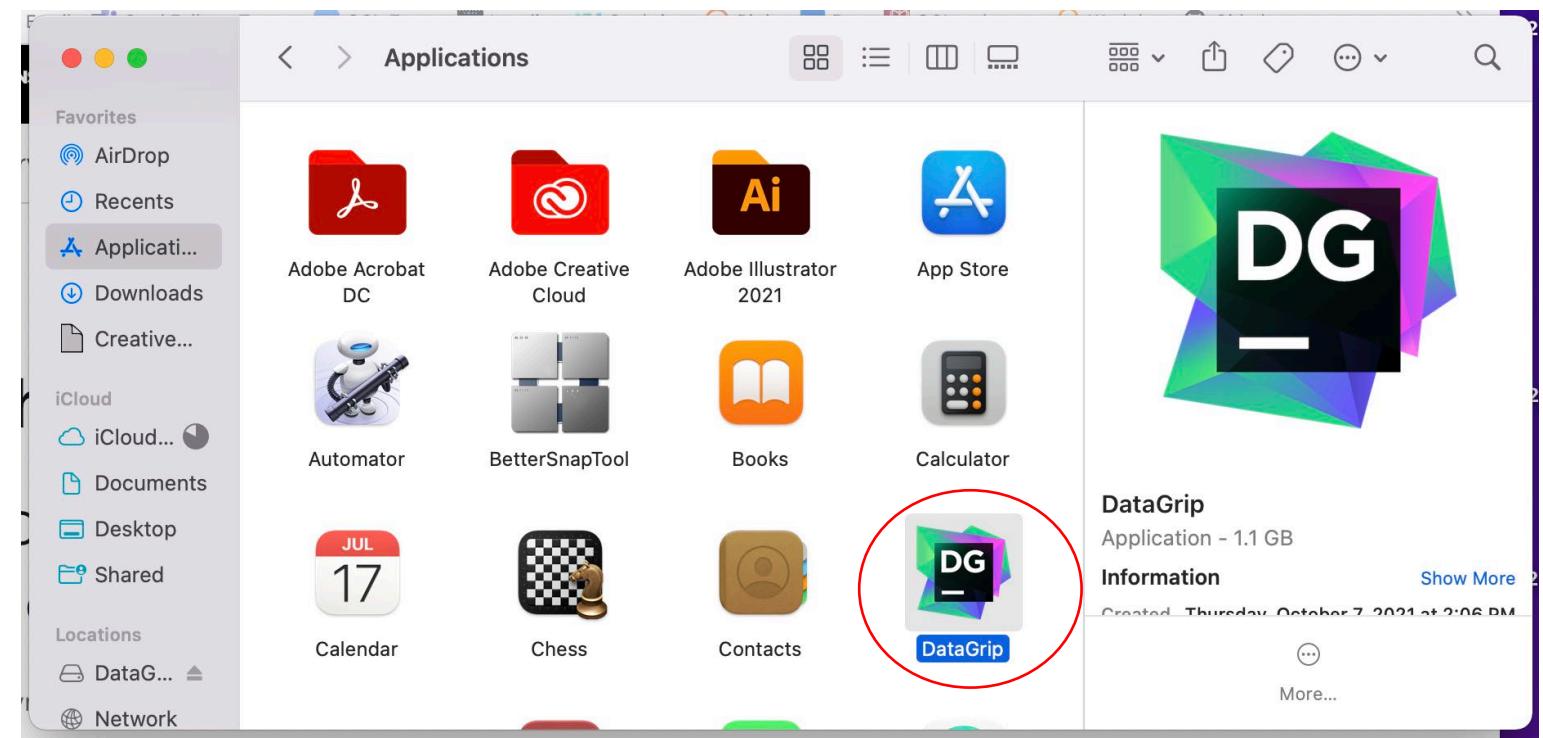
New to DataGrip?

Quick Start
Explore the [features page](#) to learn what DataGrip can do
Follow us on [twitter](#)

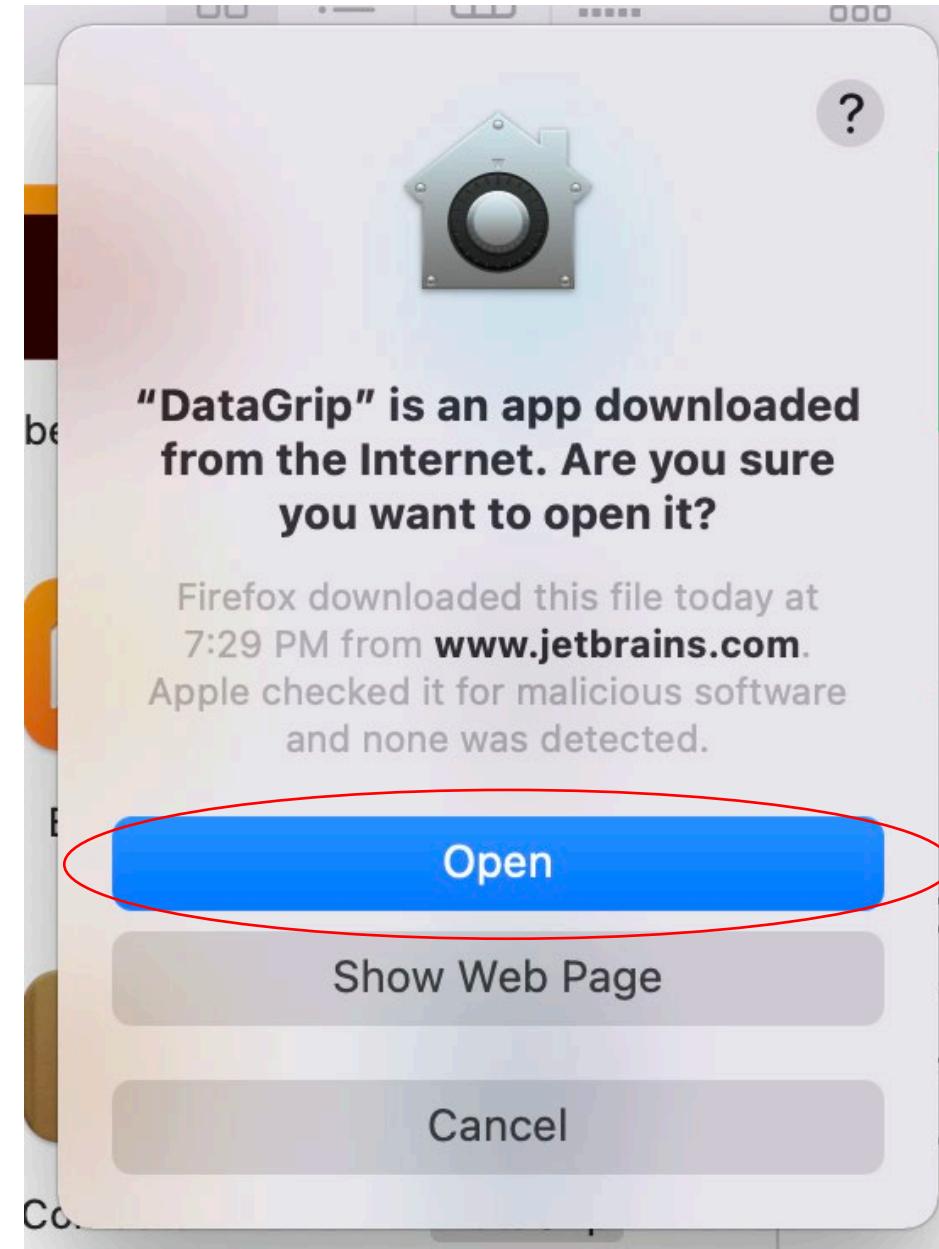
DataGrip Setup



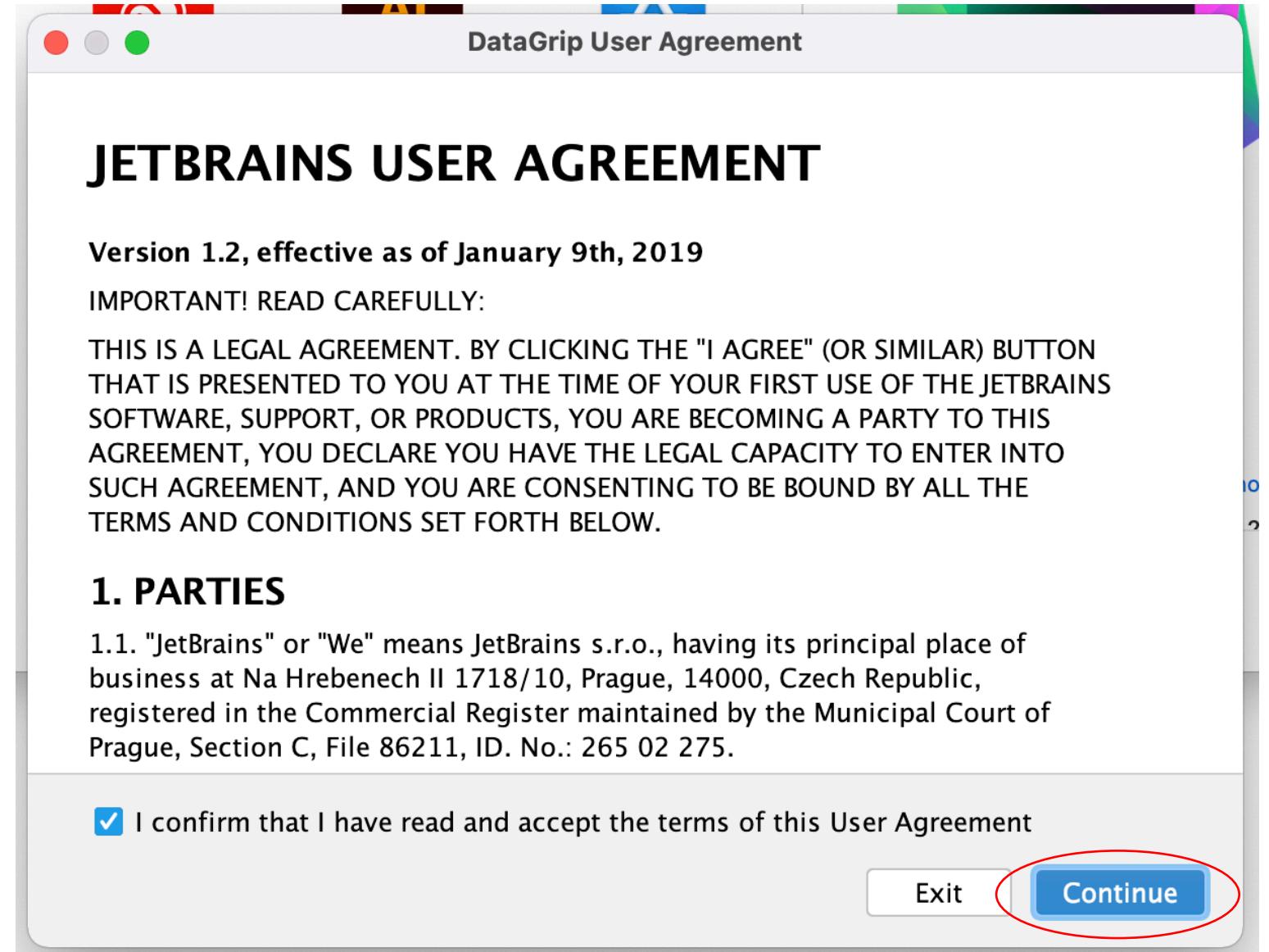
DataGrip Setup



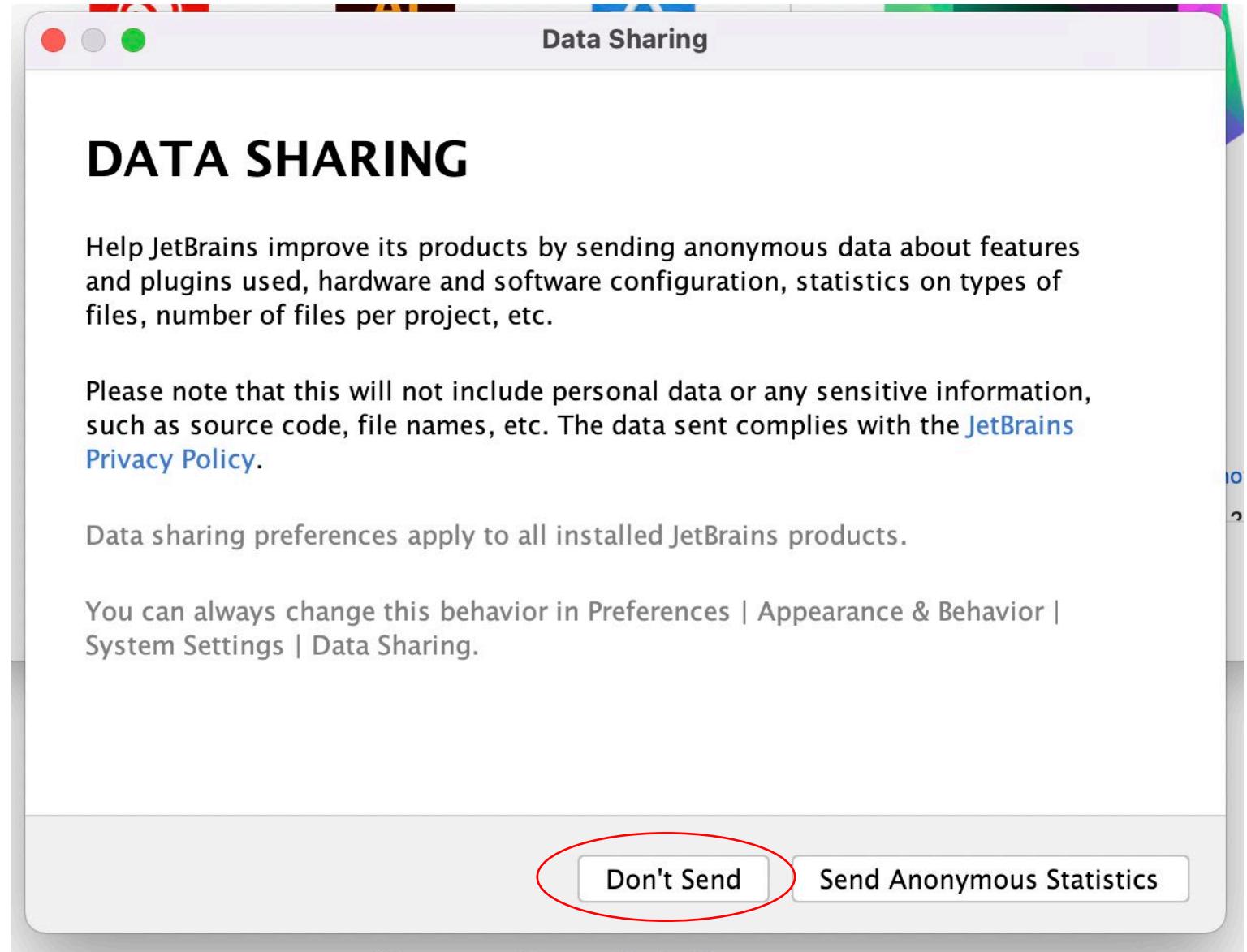
DataGrip Setup



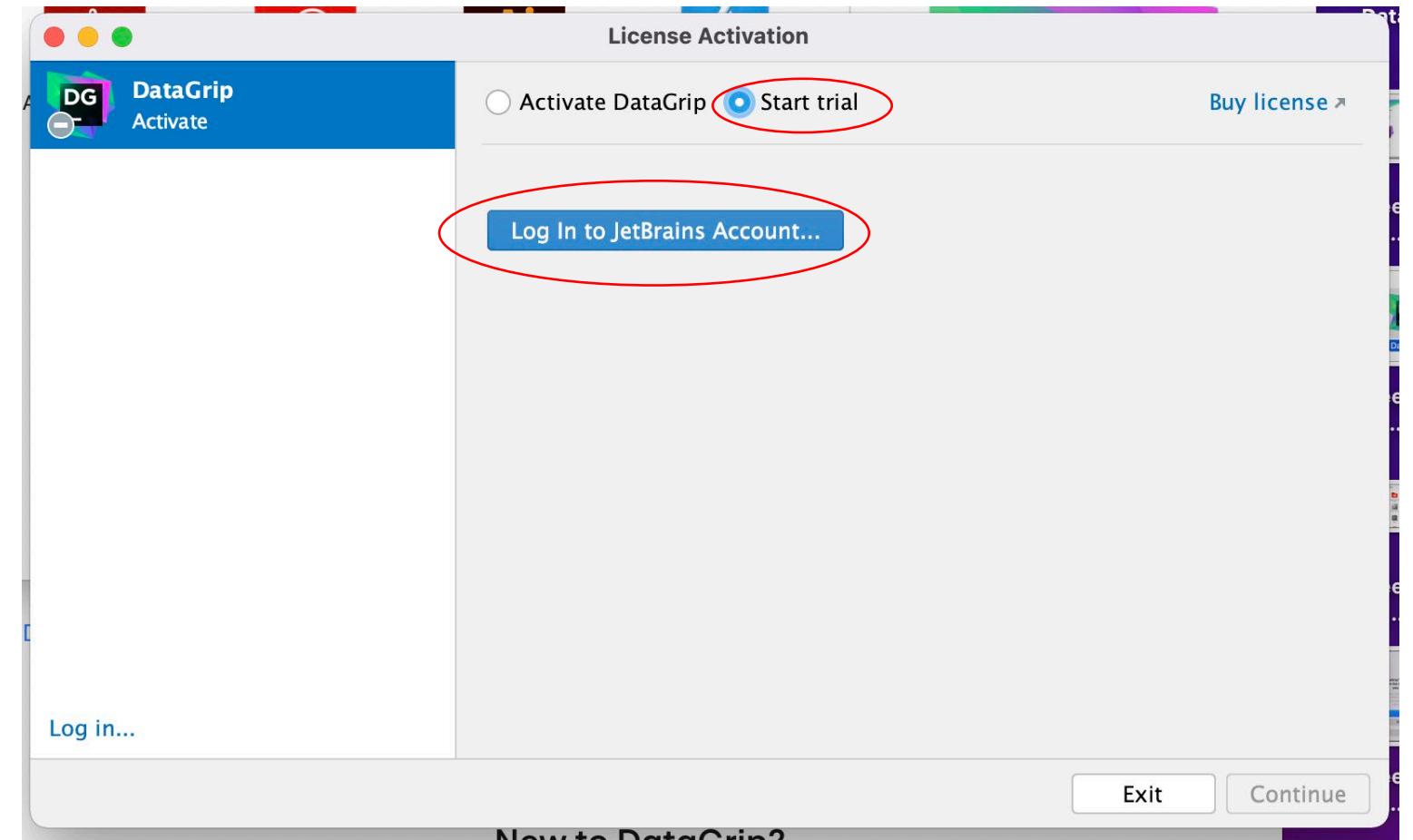
DataGrip Setup



DataGrip Setup



DataGrip Setup



DataGrip Setup

account.jetbrains.com/signup-complete

JET BRAINS

Welcome to JetBrains Account!

Please complete the registration form below

Email Address

First Name

Last Name

Username
Latin symbols (A-z), digits (0-9) or a valid email address 5 to 100 characters long.

Password
Please make sure you choose a strong password, as your account will have access to your purchases.

Repeat Password

I have read and I accept the [JetBrains Account Agreement](#)

I consent to the use of my name, email address, and location data in email communication concerning JetBrains products held or services used by me or my organization. [More](#)

Submit

You will receive emails from us in English.
 Change

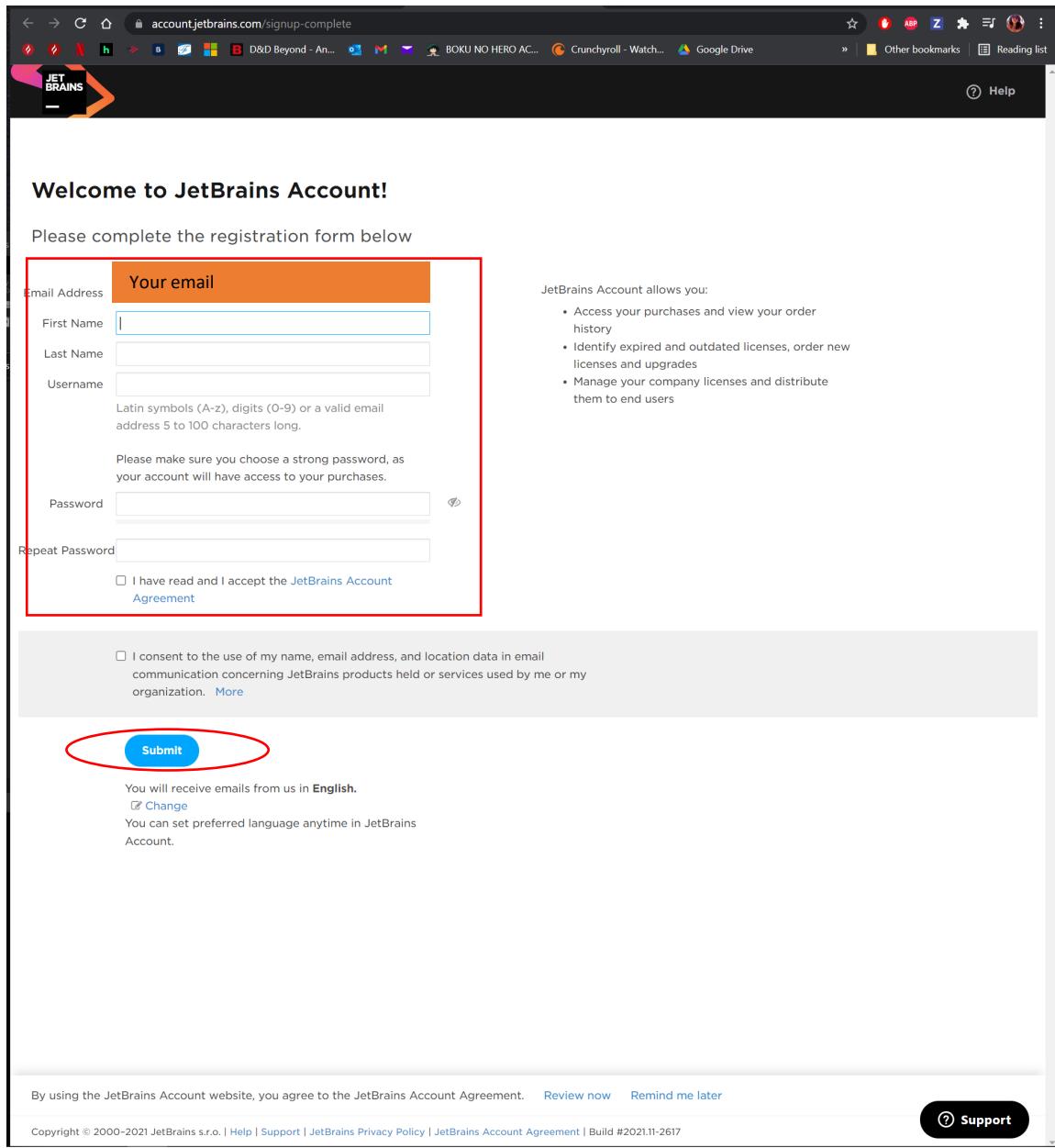
You can set preferred language anytime in JetBrains Account.

By using the JetBrains Account website, you agree to the JetBrains Account Agreement. [Review now](#) [Remind me later](#)

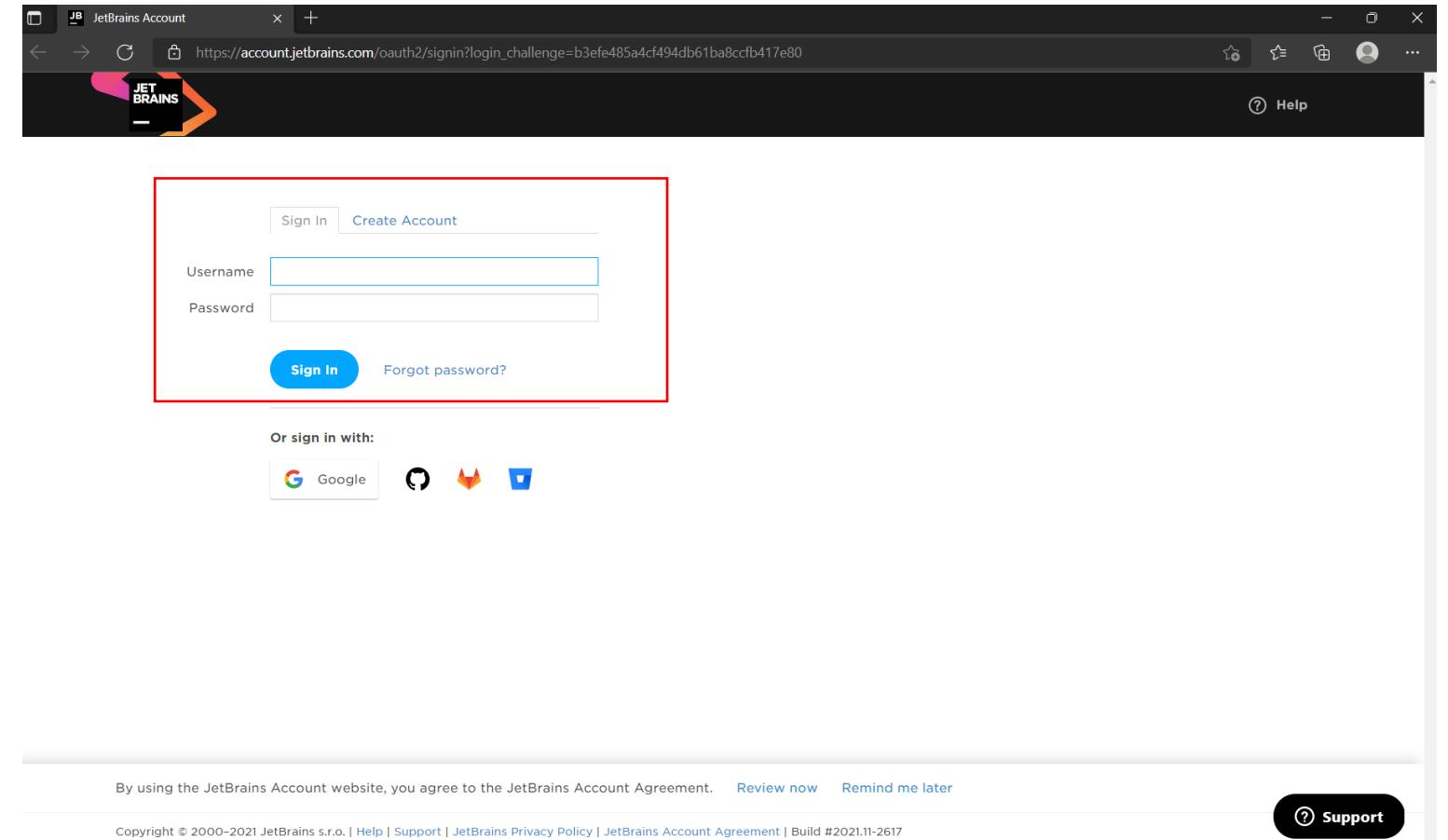
Copyright © 2000-2021 JetBrains s.r.o. | [Help](#) | [Support](#) | [JetBrains Privacy Policy](#) | [JetBrains Account Agreement](#) | Build #2021.11-2617

Help

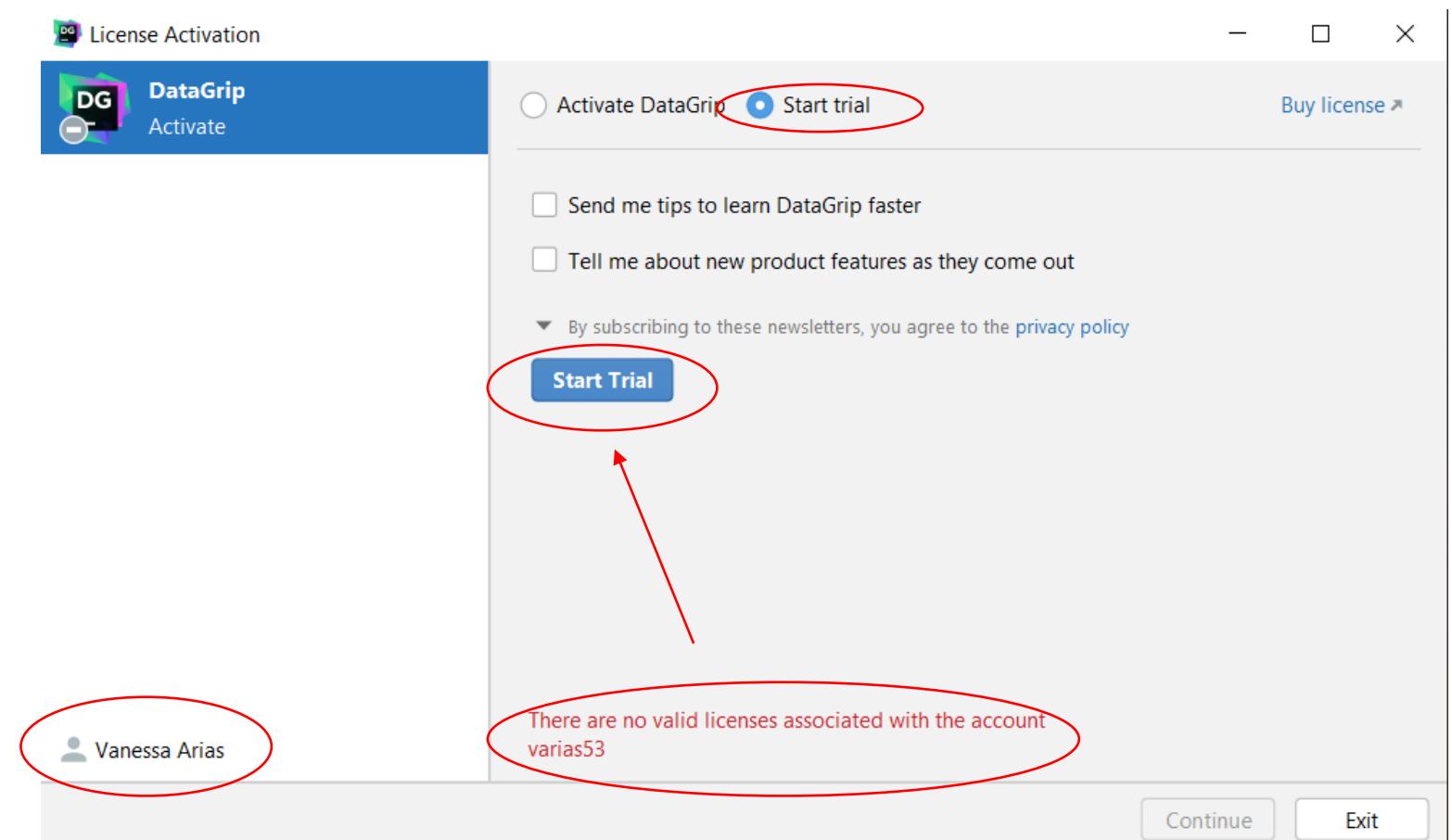
Support



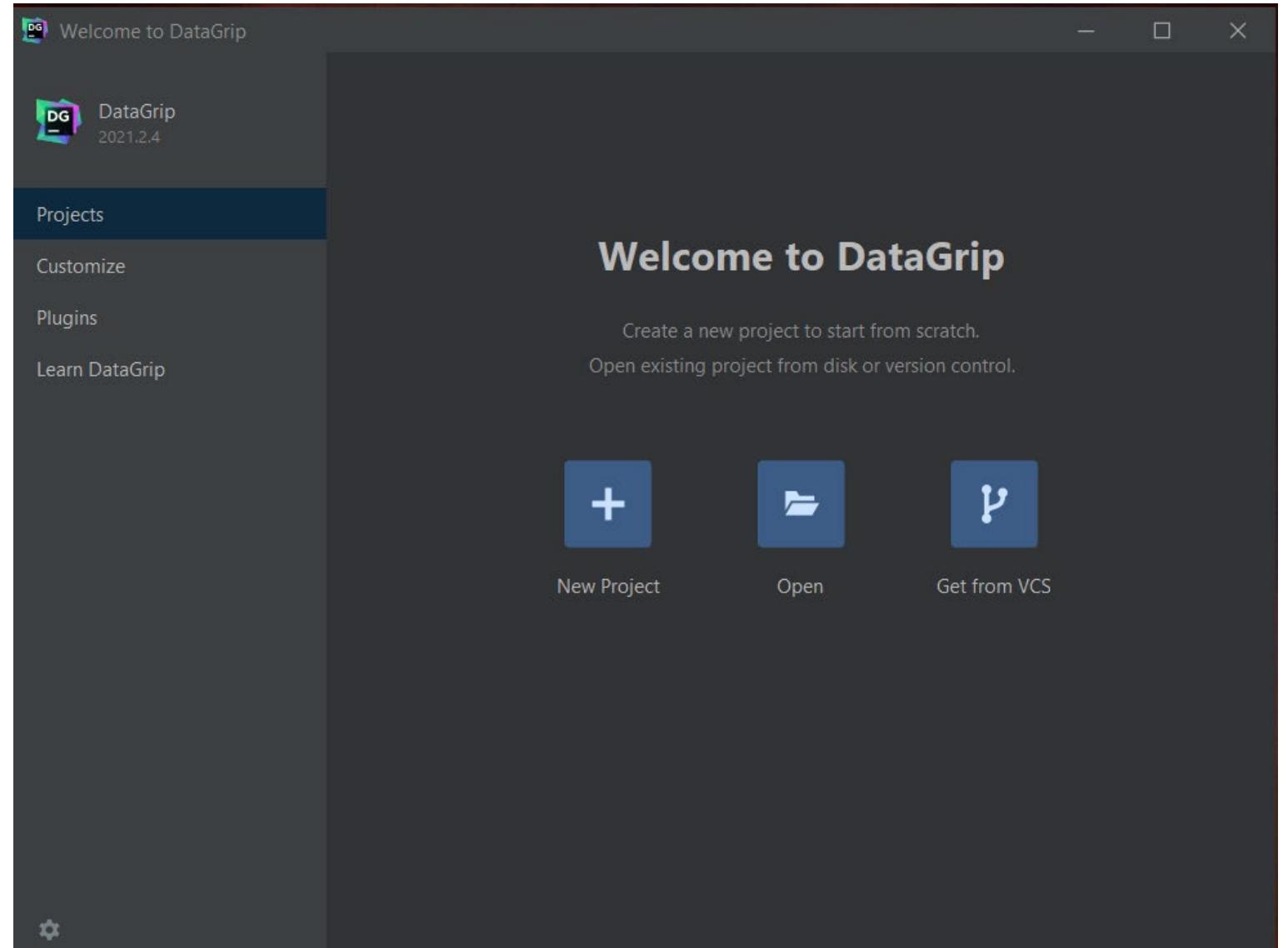
DataGrip Setup



DataGrip Setup



What you should see



A large, semi-transparent dark blue circle is positioned on the left side of the slide, overlapping the text area.

Workshop ready

- Make sure to bring:
 - Computer
 - DataGrip downloaded and setup